IENT BOOK

Dimensions			Contents	Reference to last Measurement
gth 4	Breadth 5	Depth 6	7	8
			Total: 4,92,095.00	
			I T - 9984 2-00	
			Cess - 4992 1-00	
			CBF - 4992-00	
			L R - 50420-00	
			FSD - 2496 05-00	
			Addu - 454780-00	
			Chargi: 45,37,315-00	

I st And Final Bill

Work code - 006-18-00018

M. A. R. 57 (Rule 116) Est Cost Rs. 30.00 Lakh

Measurement Book No. B 425518

Serial No. ..... Providing Cement Concrete Roads in Mariyannapalya Colony in Ward ..... From No. 06 Byatarayanapura Sub division.

Name of Work ..... To .....

Name of Contractor of nature of Agency ..... Executive Engineer, KRIDL

Date of commencement of work ..... 280.59 m Cross Road, 17 m & main Road 3rd 4 Block. Rajaji Nagara Bangalore-560010

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work order No. - BBMP/EE/BTP/WO/39/2017-18 dt: 23.12.2017.						
	(1) Earthwork excavation by manual means in ordinary soil soil involving an average horizontal through up to 2 meters and an average lift up to 0.00 MM excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly as per drawing & clods complete as per specification and direction & Engineer incharge of the work.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per Pre-Measurement recorded vide page no. 425562 to 425563 in this MB.					53.66 M³	
	Rate · 86:92						4664:12
(2)	Earth work Excavation by manual means in ordinary Soil Soil involving an average horizontal distance upto 5 meters and an average depth upto 0.30 Mtr excavated soil heaped and grids neatly dressed the disposed earth to be leveled after breaking of clods complete as per specification.						
	As per Pre-Measurement recorded vide Page no.. 425563 to 425564					in this MB.	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Rate 86:92
(3)	Removing BS Sla
	As per Pre
	Page no.
	Rate · 68:72

OOK

Depth 6	Contents 7	Reference to last Measurement 8
...orded	vide	
...this MB.	53.66 M3	4664:12
...ual means in ordinary		
...horizontal through upto		
...upto 0.30 Mtr excavated soil		
...the disposed earth to be		
...compose as per direction		
...recorded vide		
5564	in this MB.	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425519

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Rate 86:92					102.25 M3	8887:57
(3)	Removing BS slab & grain and Stacking etc.. complete. As per Pre-measurement recorded vide Page No. 425565 to 425566 in this MB.					308.72 M2	20289:07
	Rate · 68:72						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(W)	Re-fixing Stone Slabs & Grains and Pointing in Cement Mortar 1:3 ete.. complete. Measuring vide Item No.. (3)					308.72 M^2	24870:48
	Rate · 80:56.						
(P)	Providing Granite Slabs & Selected Quality Roughly dressed and fixed in Cement mortar 1:6 including fixing Cutting etc.. Complete 7-5 Consistence. As per Pre-Measurement recorded vide Item No.. 2(A) Page No.. 425 566 to 425 566					128.53 M^2 in this MB.	85559:85
	Rate · 665:68						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(7)	Providing and Cons Masonry in Ground hammered dressed of 2.0 mm apart in Complete as per Spec As per Pre-M Page No.. 425
	Rate · 4438:22

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
			Draing and pointing in mortar.	
			Item No. (3)	
			308.72 M²	
			24870:48	
			Selected Quality Roughly	
			mortar 1:6 including fixing	
			in position.	
			recorded vide Item	
			to 425566 in this MB.	
			128.53 M²	
			85559:85	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425520

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(7)	Providing and constructing Granite (Map) basalt size stone Masonry in foundation with cement mortar 1:6 stone hammered dressed in courses not less than 20 cms high and stones of 2.0 mtr apart in each courses including cost & materials Complete as per specification.						
	As per pre. Measurement recorded vide Page No.. 425570 to 425571						
	Rate. 4438:22					13.39 M³	59427:76

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(6)	Providing and laying in Position Plain cement Concrete 1:4:8 Mix M 12.428 with OPC cement as 0.892 Cum and Fine as 1.00 Cum with Hammer and Down size graded Granite metal Coarse aggregate as 0.892 Cum and Fine aggregate as 0.57 Cum machine mixed Concrete laid in layers not exceeding 150 mm thick well Compacted in Foundation and Plinth in ordinary Cover & all necessary Labour Hoisting & necessary curing Complete as per Specification.						
	As per Pre-Measurement recorded vide Page No.. 425567 & 425570 in this MB.					139.59 M³	
	Rate. 5159:02						720147:60

M. A
M

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
(8)	Providing and Constru Masonry in basement Chisse dressed in Cou as 2.0 mm apart in each Curing Complete as per Mariyannapalya Main Road I st cross (1) 2nd cross (2)	2 2

OOK

Depth 6	Contents 7	Reference to last Measurement 8
n Plain cement Concrete		
t as 0.892 Cum and Fine		
se graded granite metal		
ne decrease 0.57 cum-		
rong not exceeding 15 cm		
on and finish including		
o necessary curing complete		
recorded vide		
20 in this MB.		
	139.59 M	3
		720147:60

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425521

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(8)	Providing and constructing Granite/Trap/Basalt dressed Stone Masonry in basement with cement Mortar 1:6 edges & stone chisselled dressed in courses not less than 15 cms high bond stones at 2.0 Mtr apart in each courses including cost & material Labour curing complete as per specification.						
	Mariyannapalya						
	Main Road						
	I st cross (1)	2	4.50	0.50	0.45	2.02	
	2nd cross (2)	2	4.65	0.50	0.45	2.09	

MEASUREMENT BOOK

Date	Full description, etc, of work		Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth		
1	2		3	4	5	6	7	8
	3rd cross	(3)	2	6.00	0.50	0.45	2.70	
	4th cross	(4)	2	4.60	0.50	0.45	2.07	
	5th cross	(5)	2	5.05	0.50	0.45	2.27	
							11.15 M	
	Rate · 5305:30							59154:09 59154
(9)	Providing and removing centering Shuttering Strutting Propping etc. and removal of form works for sides and soffits of beams beam haunchings cantilever girders Quarterrounds and circles not exceeding 1.0 M in depth including cost of materials labour complete as per							

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	Specification etc.. As per Pre. Measu Page No.. 425571 Rate · 271:36	
(10)	Providing and laying M:x 1:3:6 with OPC c size graded granite m	

NT BOOK

nensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.50	0.45	2.70	
0.50	0.45	2.07	
0.50	0.45	2.27	
		11.15 M³	~~39154:09~~ 59154

Centering Shuttering Striking & down works for sides and coverings Cantilever Sunshade not exceeding 1.0 M wide in design & laser cut complete as per

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425522

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Specification etc.. Complete. As per Pre. Measurement recorded vide page No.. 425571 to 425572 in this MB. Rate · 271:36					29.32 M²	7956:27
(10)	Providing and Laying in position Plain cement Concrete 1:3:6 with OPC cement @ 220 kg/m³ with 20mm and down size graded granite metal Coarse aggregate @ 0.84 cum/cum of dry						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	aggregate as 0.56 cum machine mixed Concrete laid in Layers not exceeding 15 cms thick were compacted in foundation and Plinth including Cost & all necessary Labour HOM & Machinery curing Complete as per Specification						
	Cuchery						
	~~1st~~ cross	(1)	2	4.50	0.50	0.10	0.45
	2nd cross	(2)	2	4.65	0.50	0.10	0.46
	~~3rd~~ cross	(3)	2	6.00	0.50	0.10	0.60
	4th cross	(4)	2	4.60	0.50	0.10	0.46
	5th cross	(5)	2	5.05	0.50	0.10	0.50
	Vent Concrete	(1)	1	4.50	0.60	0.10	0.27

M.

Serial No. .....

Name of Work ..... F

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	(2)	1
	(3)	1
	(4)	1
	(5)	1
	Raising Coarse coping	
	Mariyannapalya Main Road.	2
		2

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
...ine mixed Concrete Laid ...ng Jurcle were compacted ...cording Cost & all necessary ...ring Compleate as per Specification			
50 0.50	0.10	0.45	
5 0.50	0.10	0.46	
50 0.50	0.10	0.60	
60 0.50	0.10	0.46	
05 0.50	0.10	0.50	
50 0.60	0.10	0.27	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425523

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(2)	1	4.65	0.60	0.10	0.27	
	(3)	1	6.00	0.60	0.10	0.36	
	(4)	1	4.60	0.60	0.10	0.27	
	(5)	1	5.05	0.60	0.10	0.30	
	Raising Coarse Coping						
	Mariyannapalya						
	Main Road.	2	32.00	0.20	0.10	1.28	
		2	23.30	0.20	0.10	0.93	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	18.20	0.20	0.10	0.72	
		2	20.10	0.20	0.10	0.80	
		2	9.10	0.20	0.10	0.36	
		2	17.70	0.20	0.10	0.70	
		2	18.00	0.20	0.10	0.72	
		2	15.00	0.20	0.10	0.60	
		2	15.00	0.20	0.10	0.60	
		2	15.00	0.20	0.10	0.60	
		2	8.00	0.20	0.10	0.32	
	Cross Road	2	15.00	0.20	0.10	0.60	

M. A
M

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
		2
		2
		2
		2
	Rate - SSR 98:92	
(11)	Providing Flush Poin	
	Cement Mortar 1:3 2	

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.20	0.10	0.72	
0.20	0.10	0.80	
0.20	0.10	0.36	
0.20	0.10	0.70	
0.20	0.10	0.72	
0.20	0.10	0.60	
0.20	0.10	0.60	
0.20	0.10	0.60	
0.20	0.10	0.32	
0.20	0.10	0.60	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425521

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	15.00	0.20	0.10	0.60	
		2	15.00	0.20	0.10	0.60	
		2	15.00	0.20	0.10	0.60	
		2	13.60	0.20	0.10	0.60	
						14.57 M	
	Rate - 5598:92						81576:26
(11)	Providing Flush Pointing to Coarsed Stone Masonry with Cement Mortar 1:3 20mm deep after raking joints to						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	depth & 20mm nicely Curing including Cess & Materials labour Curing Complete as per Specification.						
	Curves :- I st coat (1)	2	4.50	-	0.50	4.50	
	2nd coat (2)	2	4.65	-	0.50	4.65	
	3rd coat (3)	2	6.00	-	0.50	6.00	
	4th coat (4)	2	4.60	-	0.50	4.60	
	5th coat (5)	2	5.05	-	0.50	5.05	
						24.80 M^2	
	Rate · 102 : 82						2549 : 93

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
(12)	Providing and laying Mix M20 with OPC Gra Graded Granite metal aggregate as 0.459 Co to IS 9103-1999 Regiron Vibrated for all works Level for Roof Slab & Walls (any thickness) in Cess & Materials Comple	

OK

Depth 6	Contents 7	Reference to last Measurement 8
	including Cost & materials	
	Specification.	
0.50	4.50	
0.50	4.65	
0.50	6.00	
0.50	4.60	
0.50	5.05	
	24.80 M^2	
		2549:93

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425525

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(12)	Providing and laying in position plain cement concrete of Mix M20 with OPC cement at 320 kg/m³ with 20mm and down size graded granite metal coarse aggregate of 0.878 cum and fine aggregate of 0.459 cum with Sakkar Plastering of 31.5 Conforming to IS 9103:1999 Reinforced machine mixed exceeding 15 cms thick vibrated for all works in foundation plinth and ground floor level for Roof slab Staircase lintels retaining walls deform Walls (any thickness) including attached plastering including Cost & Materials complete as per Specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	I st cross (1)	1	4.50	1.50	0.23	1.55	
	2nd cross (2)	1	4.65	1.65	0.23	1.76	
	3rd cross (3)	1	6.00	1.65	0.23	2.27	
	4th cross (4)	1	4.60	1.65	0.23	1.74	
	5th cross (5)	1	5.05	1.50	0.23	1.74	
	Missing Slabs	6	1.50	0.60	0.23	1.24	
						11.27	M 65437
	Rate · 6371 : 66					Limit - 10.27	71808 : 60
(13)	Providing TMT Steel reinforcement for RCC work including straightening cutting bending lowering						

M. A. P
Meas

Serial No. .....
Name of Work ..... From..
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Placing in Position (c deamed tying HM Se adjoining members w design (Cars hooks an and Paid) Cars & Meas	
	As per Pre. Meas	
	Page no.. 42557	
	Rate · 64243 : 42	

T BOOK

sions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
1.50	0.23	1.55	
1.65	0.23	1.76	
1.65	0.23	2.27	
1.65	0.23	1.74	
1.50	0.23	1.74	
0.60	0.23	1.24	
		11.27	M 65437
		Limit - 10.27	71808 : 60

rforcement for RCC work
ding bending hooking

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425526

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Placing in position lapping and overlapping wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (Cost of hooks and clasps shall not be measured and paid) Cost of necessary ele- Complete as per specification As per Pre-measurement recorded vide Page no.. 425572 to 425574 in this MB. Page. 64243 : 42					0.927 CM	59553 : 65

59104-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(14)	Providing and Constructing Precast Concrete Solid blocks with Compressive Strength not less than 35 kg/sqcm with Cement Mortar 1:6 Masonry (Stretcher Jams Closer blocks) with Solid Concrete blocks of size 40 x 20 x 20 cms Conforming to IS 2185/1979 in Super structure including Cost & necessary Labour Charges Scaffolding Curing Complete as per Specification Mariyannapalya Main Road.						
		2	32.00	-	0.60	38.40	
		2	23.30	-	0.60	27.96	
		2	18.20	-	0.60	21.84	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		being Precast Concrete	
		being Strength not less than	
		ersey 1:2:6 Masonry Concrete	
		Solid Concrete Precast	
		forming to IS 2185/1979	
		g Cement & measuring Carbon	
		Concrete as per specification	
00 -	0.60	38.40	
30 -	0.60	27.96	
20 -	0.60	21.84	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425527

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		2	20.10	-	0.60	24.12	
		2	9.10	-	0.60	10.92	
		2	17.70	-	0.60	21.24	
		2	18.00	-	0.60	21.60	
		2	15.00	-	0.60	18.00	
		2	15.00	-	0.60	18.00	
		2	15.00	-	0.60	18.00	
		2	8.00	-	0.60	9.60	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road	2	15.00	-	0.60	18.00	
		2	15.00	-	0.60	18.00	
		2	15.00	-	0.40	18.00	
		2	15.00	-	0.40	18.00	
		2	13.60	-	0.40	16.32	
						296.00 m^2	
	Rate · 993:22					293993:00	
(15)	Providing and laying Concrete using 20mm and down size granite Jelly & Ready Mixed Concrete M30 for RCC works laid in roof using Jerico Cranes and weel Compound						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Vibrating Carin... form works a... with all laid ad... steel and Reini... M20 RCC Pass Jou... 3rd Maxi Kanna... Cross

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
15.00	–	0.60	18.00	
15.00	–	0.60	18.00	
15.00	–	0.40	18.00	
15.00	–	0.40	18.00	
13.60	–	0.40	16.32	
			296.00 m²	
			293993: m	

Drawing

Concrete using 20mm and dow
ady Mixed Concrete RMC for RC
ted Columns and Wall Concrete

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425528

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Vibrating Curing finishing with necessary cement mortar to form blocks and Seasoning to cost stand Pumping & Conc with all laid and less ese.. Concrete (excluding & Cost & Steel and Reinforcement Charges) Ready Mixed Cement Concrete M20 for Raft foundation ese.. Concrete as per Specification 3rd Mariyammanpalya Colony						
	Drawing	1	16.00	(5.30+5.60)/2	x 0.10	8.72	
		1	14.00	(5.60+4.70)/2	x 0.10	7.21	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4th cross Road - C&FC 13/06	1	15.00	(4.70+4.90)/2	x0.10	7.20	
		1	15.00	(4.90+4.95)/2	x0.10	7.38	
		1	15.00	(4.40+4.60)/2	x0.10	6.75	
		1	4.20	4.60	0.10	1.93	
		1	15.00	(4.50+5.10)/2	x0.10	7.20	
		1	15.00	(5.10+4.90)/2	x0.10	7.80	
		1	7.40	4.90	0.10	3.62	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	5th Cross Road C&F.C 13/06 Rate : 6231 : 74	

IT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
$\frac{(4.70+4.90)}{2}$	x 0.10	7.20	
$\frac{(4.90+4.95)}{2}$	x 0.10	7.38	
$\frac{(4.40+4.60)}{2}$	x 0.10	6.75	
4.60	0.10	1.93	
$\frac{(4.50+5.10)}{2}$	x 0.10	7.20	
$\frac{(5.10+4.90)}{2}$	x 0.10	7.80	
4.90	0.10	3.62	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425523

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	5M Cross Road	1	1.60	2.60	0.10	0.41	
	C/F.C.	1	15.00	$\frac{(4.40+4.50)}{2}$	x 0.10	6.67	
		1	15.00	$\frac{(4.50+4.45)}{2}$	x 0.10	6.71	
						71.10	M
	Rate · 6231:74						443077:40

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(16)	Vacceem de watering with vacceem pump and suction mat and Compaction with Stein Slab closed with loading disc including cost of Generator Hom & mechanics served migrant Floader Grade and disc use. Compose as per Specification.						
	Mariyannapalya Colony.						
	3rd cross.	1	16.00	$\frac{(5.30+5.60)}{2}$		87.20	
		1	14.00	$\frac{(5.60+4.70)}{2}$		72.10	
		1	15.00	$\frac{(4.70+4.90)}{2}$		72.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	4th Cross Road.

OOK

Depth 6	Contents 7	Reference to last Measurement 8
		...ement pump and ...with stone slab cover... ...ers & Generators Non... ...Loader Grade at ...ration.
		...50+5.60) 87.20
		...60+4.70) 72.10
		...70+4.90) 72.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425530

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	4th Cross Road -	1	15.00	$\frac{(4.90+4.95)}{2}$	-	73.87	
		1	15.00	$\frac{(4.40+4.60)}{2}$	-	67.00	
		1	4.20	4.60	-	19.32	
		1	15.00	$\frac{(4.50+5.10)}{2}$	-	72.00	
		1	15.00	$\frac{(5.10+4.90)}{2}$	-	75.00	
		1	7.40	4.90	-	36.26	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5th Cross Road.	1	1.60	2.60	-	4.16	
		1	15.00	(4.40+4.30)/2	-	66.75	
		1	15.00	(4.30+4.45)/2	-	67.12	
						74.00	
	Rate · 95:40						6782940
(17)	Providing groove cutting for Concrete pavement width 5mm to 10mm and depth 80mm - 100mm including cost & cutting machine Generator and Hom & engineering including cost of blade Coolant etc complete including						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	Cleaning & groove a	
	gicons adjacent me	
	Cabon etc.. compressed	
	3rd cross -	15
		1
	4th cross -	14
		4
	Rate · 121:90	

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
60	2.60	-	4.46	
.00	(4.40+4.30)/2	-	66.75	
.00	(4.30+4.45)/2	-	67.12	
			711.00	87829:00

ng For Concrete pavement
d depth 80mm - 100mm includin
emovals and stem of mechanical
Coolant etc. including

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425531

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	cleaning & groove and providing sand and hot bitumen joints adjacent metal etc. including cost & materials Carbon etc. complete.						
	3rd crack -	15	5.00	-	-	75.00	
		1	4.50	-	-	4.50	
	4th crack -	14	4.50	-	-	63.00	
		4	4.40	-	-	17.60	
	Rate - 121:90					158.00 Mtr	19260:20

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(18)	Providing and Fixing Pre cast Solid Cement Concrete Kerb Stones made out of CC 1:2:4 with 20 mm down graded aggregate with 114 and 165 mm respectively 400 mm high and 600 mm in length finished with CM 1:3 Plastering and finishing curbing including 6 mm wash curing sending curing including cost & necessary Lagan hire charges etc. Complete as per specification.						
	Mariyamman Palaya Main Road.						
		1	32.00	-	-	32.00	
		1	23.30	-	-	23.30	
		1	18.20	-	-	18.20	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Cross Road

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
cast Solid cement Concrete 1:2:4 with Rod and Sossum ...ness 400mm high and ...m CM 1:3 Plastering and ...mm work curing sending ...ers Lagos line carriage ...ation.			
0	-	32.00	
0	-	23.30	
0	-	18.20	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

425532

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	20.10	-	-	20.10	
		1	9.10	-	-	9.10	
		1	17.70	-	-	17.70	
		1	18.00	-	-	18.00	
		1	15.00	-	-	15.00	
		1	15.00	-	-	15.00	
		1	15.00	-	-	15.00	
		1	8.00	-	-	8.00	
	Cross Road	1	4.50	-	-	4.50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	4.95	-	-	4.95	
		1	4.05	-	-	4.05	
		1	5.10	-	-	5.10	
						210.00 Mtr.	
				210.00 Mtr			
				0.45		= 466.67 Nos	
	Rate · 331:78						
							154831:77
(19)	Applying Priming coat over new wood Surface and on wood based Surface prepared the Surface after thoroughly cleaning oil Grease dirt and foreign matter						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work.	N
1	2	
	Sand Preparing and Masonry Labour Maxiyannapalya Main Road.	

OOK

	Depth 6	Contents 7	Reference to last Measurement 8
	–	4.95	
	–	4.05	
	–	5.10	
		210.00 Mtr.	
0.00 Mtr			
.45		466.67 Nos	
			154831:77
ew wood Surface and			
d the Surface asser			
	Bird and Screen mon		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425533

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Sand Preparing and Dressing ready mixed Paint including Cost & necessary Labour Complete as per Specifications. Maruthamalaya Main Road.						
		1	32.00	–	0.30	9.60	
		1	23.30	–	0.30	6.99	
		1	18.20	–	0.30	5.46	
		1	20.10	–	0.30	6.03	
		1	9.10	–	0.30	2.73	
		1	17.70	–	0.30	5.31	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	18.00	-	0.30	5.40	
		1	15.00	-	0.30	4.50	
		1	15.00	-	0.30	4.50	
		1	15.00	-	0.30	4.50	
		1	8.00	-	0.30	2.40	
	Cross Road	1	4.50	-	0.30	1.35	
		1	4.95	-	0.30	1.48	
		1	4.05	-	0.30	1.21	
		1	~~5~~ 5.10	-	0.30	1.53	
						63.00 m^2	
	Page : 43 : 46						2737 : 98

Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
20	Providing and Apply coat) on new wood & enamel paint to give dirt dust and Smooth necessary coats & mat Maruvanapaeya Main Road.	1 1

T BOOK

nsions			Contents	Reference to last Measurement
Breadth 5	Depth 6		7	8
	0.30	5.40		
	0.30	4.50		
	0.30	4.50		
	0.30	4.50		
	0.30	2.40		
	0.30	1.35		
	0.30	1.48		
	0.30	1.21		
	0.30	1.53		
			63.00 M²	2737:98

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425534

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(20)	Providing and Applying painting two coats (excluding priming coat) on new wood surface and or wood based surface with enamel paint to give an even shade cleaning the surface & all dirt dust and foreign matter Sand preparing including cost & materials cost & materials labour complete as per specifications.						
	Mariyannapalya Main Road.						
		1	32.00	-	0.30	9.60	
		1	23.30	-	0.30	6.99	
		1	18.20	-	0.30	5.46	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	20.10	-	0.30	6.03	
		1	9.10	-	0.30	2.73	
		1	17.70	-	0.30	5.31	
		1	18.00	-	0.30	5.40	
		1	15.00	-	0.30	4.50	
		1	15.00	-	0.30	4.50	
		1	15.00	-	0.30	4.50	
		1	8.00	-	0.30	2.40	
	Cross Road.	1	4.50	-	0.30	1.35	
		1	4.95	-	0.30	1.48	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nur
1	2	
	Page : 89 : 04	
(21)	Precast Slab 20mm Steel Reenforcement Machine mixed Con 1:2:4 using River Sand	

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
-	0.30	6.03	
-	0.30	2.73	
-	0.30	5.31	
-	0.30	5.40	
-	0.30	4.80	
-	0.30	4.80	
-	0.30	4.80	
-	0.30	2.40	
-	0.30	1.35	
-	0.30	1.48	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425535

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	4.05	-	0.30	1.21	
		1	5.10	-	0.30	1.53	
	Page : 89 : 04					63.00 MTS SY	
						5609 : 52	
(21)	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shuttering machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost & all necessary						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cc Wall M 7.5 Masonry Curing Complete as per Specification cc 1:1.5:3 including all Cost & Measurements etc. Complete. Mariyamma Palya Main Road.						
		1	32.00	-	0.90	28.80	
		1	23.30	-	0.90	20.97	
		1	18.20	-	0.90	16.38	
		1	20.10	-	0.90	18.09	
		1	9.10	-	0.90	8.19	
		1	17.70	-	0.90	15.93	
		1	18.00	-	0.90	16.20	
		1	15.00	-	0.90	13.50	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Cross Road.

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
				Carried Forward as per Previous Page of Measurements etc. Complete.
.00	-	0.90	28.80	
.30	-	0.90	20.97	
.20	-	0.90	16.38	
.10	-	0.90	18.09	
.10	-	0.90	8.19	
.70	-	0.90	15.93	
3.00	-	0.90	16.20	
5.00	-	0.90	13.80	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425536

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road.	1	15.00	-	0.90	13.80	151.56
		1	15.00	-	0.90	13.80	
		1	8.00	-	0.90	7.20	
		1	4.50	-	0.90	4.05	
		1	4.95	-	0.90	4.45	
		1	4.05	-	0.90	3.64	
		1	5.10	-	0.90	4.59	
		30	0.90	0.60	-	16.20	
		34	0.90	0.60	-	18.36	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		28	0.90	0.60	-	15.12	
	Rate · 2100 : 00					238.50 m^2	500850 : 00
	C & FC						
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ವಾರ್ಡ ವಿಭಾಗ		ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ವಾರ್ಡ ವಿಭಾಗ				
(22)	Lead for disposal & dumps shall be payable as Carriage Rates by mechanical means including loading and unloading from 0.00 to 2.00 kms. Comprise as per specification and direction & Engrs incharge & the work.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Clearing
	Rate · 73 : 12
	Carriage (1) (2)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ವಾರ್ಡ ವಿಭಾಗ

Assistant Executive
Byataravanapura Su
KRIDL, BBMP, Ba

Assistant Engineer
KRIDL BBMP
Bangalore

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
50	-	15.12	
		238.50 m^2	500850 : 0

ಂತರರು
ುರ ಉಪ ವಿಭಾಗ

shall be payable
cal means including
om 0.00 to 2.00 meter
n and Direction & Engrs

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425537

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Measured vide Item No. (1) and (2)					(53.66 + 102.25) : 155.91 m^2	11400 : 13
	Rate - 73 : 12					Total Rs.	2698948 : 00
				Add	10%	KRIDL Charges Rs.	269895 : 00
				Add	1%	Cess on Cess Rs.	26989 : 00
						Total Rs.	2995832 : 00

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ.ಬ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Certificate (1) Certified that the work done satisfactory
(2) This entry Amount has not been entered in any previous bill.

Assistant Executive Engineer
Byataravanapura Sub-division
KRIDL, BBMP, Bangalore

30/05/18

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬ.ಬ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Dagaravalaiy Main Road						
	Mariyamma Pally - Main Road						
	3 Nos CM						
	3 Nos CM						
	3 Nos CM						
	= Flaging Course						
	= Culvert						
	Connecting Road						
	30/5/18						
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ						
	30/5/18						
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-26						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ
	ಸಲ್ಲಿಸಲು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ
	ಮುಂಚಿತವಾಗಿ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊ
	Rs. Twenty Seven Gra
	five hundred twenty
	ಕ್ಕೆ ಮುಕ್ತಾಯದ ನಿಂದಾಗಿದೆ
	ಲೆಕ್ಕಾಧಿಕಾರಿಯವರು
	ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
	ಬಿ.ಬಿ.ಎಂ.ಪಿ.
	30/5/18

BOOK

ns eadth 5	Depth 6	Contents 7	Reference to last Measurement 8

Main Road

Flagging Course

Culvert

Compound Road

30/5/18

ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರ ಕಛೇರಿ
ಬೆಂಗಳೂರು ಗ್ರಾಮಾಂತರ ವಿಭಾಗ
ಬೆಂಗಳೂರು-24

M. A. R. 57 (Rule 116)
Measurement Book

425538

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
						Total Rs: 29,95,832-00	
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ					29,95,832-00	
	ಕಳೆ ಪಾಸು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ					2,87,307-00	
	ಹಿಂಪಡಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು ರೂ.					27,08,525-00	
	By Twenty Seven Lakh eight Thousand five hundred Twenty five only.						
	ಮೇಲ್ಕಂಡಂತೆ ನೀಡಲಾಗಿದೆ						
	ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು / Chandrappa						
	ಲೆಕ್ಕಾಧಿಕಾರಿ						
	13/06						
	13/6						
						2% IT-	59917-00
						Cess-	29958-00
						CBF-	2996-00
						LR-	40444-00
						FSD-	149792-00
						Fine-	4200-00
						Adj	287307-00
						Cheque:	27,08,525-00